Initials of Officer making payment

SBE-00000 9/23-24

No. 9th RA bill 19/05/2023

Original, Duplicate/Duplicate
(For Office Works)

SBE: 00000 9/23-24

17/5/2023

Division: Electrical (Dasarahalli) Work No: 012-22 000008 Sub-Division: Electricals

Head of Account: P(D)(D) W & S to street lights Replacement of burnt bulbs etc

Bill Received No: Dated: Book Voucher No: Dated:

Schedule Packet Name of Work: Annual Maintenance of street lights package D-4 in Shettihalli Surrounding Area ward no 12

Bill Period: 01.04.2023 to 30.04.2023 (1 Month)

Name of Contractor and Full Address: M/S CHRISTOPHER CHETTIAR ELECTRICALS

Reference to Agreement No: EE/Ele/SE/TEND/AC/0000/21-22 Date: 31.03.2022

Reference to Work order No: EE/Ele/SE/TEND/WO/000002/22-23 Date: 04.04.2022

Reference to Supplementary Agreement No: EE/Ele/SE/TEND/SAG/22/23-24 Date: 24.03.2023

Reference to Supplementary Work order No: EE/Ele/SE/TEND/SWO/28/22-23 Date: 24.03.2023

Certified that the measurements were taken by me on 2/5/23 and recorded of Pages 6695 to 6696 of Measurement Book No 4814/2023

And that the work is satisfactorily executed.

Contractor

Officer-in-charge of works

Certified that the measurement were taken by me on 03/5/2023 and found correct, the work is satisfactorily executed

JUNIOR ENGINEER(Ele)
Shivaji Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and unperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

ASST EXECUTIVE ENGINEER (Ele)
Shivaji Bangalore Mahanagara Palike
Dasarahalli Zone Bangalore

1) Total value of work done or supplies as per Account I/we/Tariff	Gross bill	2874098=00
2) Deduct amount to be held in reserve	Previous	86702=00
3) Balance	Present	2016554=00
4) Deduct Payment:	TWD	19481=00
a) Amount of previous payment as in the Office Cash Book Voucher No Dated S.D. No Amount adjusted towards cash advance recovery of	IT	1948=00
	CESS	1948=00
b) Payments now made } cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.	GST	1948=00
	LWC	1948=00
5) Balance being unpaid value of work done held in reserve.	CBF	195=00
6) Deduct cash advance made on the Office cash Book Voucher No dated less adjustments.	Fine	3000=00
7) Net amount due to or from Contractor on adjustments items	Security	4037=00
8) Advance to Contractor for materials brought to site (as detailed) within Value of Cement materials supplied	Retained	190824=00
Total amount adjusted	Recovered	166850=00

Contractor's Signatures

Received Rs (in words) by cash and by adjustment of Payment as per memorandum (In final settlement of all claims)

Witness
1.
2.
Dated Signature of Contractor

Stamp

Paid by me by Cheque No Dated
Cash Rs
Dated

Initials of Officer making payment

Audited and admitted for Rs. 2016554/-

Passed for Payment for Rs. 1866304/-
(For use in the Office)
Rupees One Lakh, Eighty Six Thousand Three Hundred Four only

by adjustment Rs. 150250/-

Accounts Superintendent Exe. Engine

B.B.M.P. Dasarahalli Division

Scanned with OKEN Scanner

Sl. No.	Description of Item	Unit	Previous Measurement		Present Measurement				Total Upto Date		Remarks
			Qty.	Cost	Qty.		Rate Rs. P.	Amount	Qty	Cost	
	Name of work:- Annual Maintanance of street lights package D-2 in Shettyhalli Surrounding Area ward no 12 .						1 Months		Upto Date paid so for X 13months		
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system.	Each	320X12Months	13708.80	20	685.45/12= 57.12	57.12	1142.40	320X12Months	14851.20	
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system.	Nos	22X12Months	25334.04	68	756.29/12= 63.02	63.02	4285.36	22X13Months	29619.40	
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system.	Each	1700X12Months	1841036.40	1884	1019.4/12= 84.95	84.95	160045.00	1700X13Months	2001082.20	
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system.	Each	80X12Months	103977.72	132	1110.08/12 =93.17	93.17	12290.44	80X13Months	116276.16	
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.	Each	4X12Months	3739.03	5	880.01/12= 73.33	73.33	366.65	4X13Months	4106.48	
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system.	Each	350X12Months	353374.56	102	1147.43/12 =95.61	95.61	17401.02	350X13Months	370775.58	
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.	Each	90X12Months	111930.00	55	1377.66/12 =114.80	114.80	6314.00	90X13Months	118244.00	
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Nos	0	0.00	0	0.00	0.00	0.00	0	0.00	

Scanned with OKEN Scanner

9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system.	Nos	0	0.00	0.00	0.00	0	0.00	
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx214mm	Each	5	25635.00	0	0.00	5127.00	0.00	5	25635.00	
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 110 to 125Amps	Each	15	108000.00	0	0.00	7200.00	0.00	15	108000.00	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63 Amps SP	Each	16	11568.00	0	0.00	723.00	0.00	16	11568.00	
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	18	72540.00	0	0.00	4030.00	0.00	18	72540.00	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments 6 sqmm	Mtr	10	700.00	0	0.00	70.00	0.00	10	700.00	
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	100	700.00	0	0.00	7.00	0.00	100	700.00	
	Sub Total			**2672244.35**				201853.67		2874098.02	
	Add GST 12 % on item no 10 to 15			26297.16				0.00		26297.16	
	Total			**2698541.51**				201853.67		2900395.18	
	Fine imposed for non burning of street lights For the period of 01.04.2023 to 31.04.2023 and 10% time violation Penalty for the present bill			24300.00				3000.00		27300.00	
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material			49062.03				4037.07		53099.10	
	GRAND TOTAL			**2625179.48**				194816.60		2819996.08	

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Scanned with OKEN Scanner